

1.(Currently Amended) A navigation system for use in a motor vehicle, comprising:

a data input unit through which a user enters ~~start position data and~~ destination position data; ~~and provides received start position data and received destination position data;~~

a first non-volatile memory unit that stores a basic navigation database including road map information;

a communication unit that receives supplemental navigation data including ~~detailed information of digital road map informations,~~ and provides received supplemental navigation data; and

a second non-volatile memory unit that receives and stores the said received supplemental navigation data;

a navigation computer that receives ~~said received~~ start position data and; the said received destination position data, and computes driving directions between the starting position and the destination position using information from the said basic navigation database and the said received supplemental navigation data; and

a data output unit for outputting the said driving directions to the user.

2.(Currently Amended) The navigation system of claim 1, where the in said communication unit includes a wireless receiver that receives the said supplemental navigation data.

3.(Currently Amended) The navigation system of claim 2, where the in said wireless receiver includes a GSM receiver.

4.(Currently Amended) The navigation system of claim 2, where ~~the in said~~ wireless receiver comprises means for receiving the said supplemental navigation data via a Bluetooth compatible communication protocol.

5.(Currently Amended) The navigation system of claim 2, where ~~the in said~~ data output unit comprises a display for presenting the said driving directions to the user.

6.(Currently Amended) The navigation system of claim 5, where ~~the in said~~ supplemental navigation data comprises graphic data for presentation on the said display.

7.(Currently Amended) The navigation system of claim 2, where ~~the in said~~ first non-volatile memory unit comprises a compact disk.

8.(Currently Amended) The navigation system of claim 2, where ~~the in said~~ first non-volatile memory unit comprises a digital video disk.

9.(Currently Amended) The navigation system of claim 2, where ~~the in said~~ first non-volatile memory unit comprises a hard disk.

10.(Currently Amended) The navigation system of claim 2, where ~~the in said~~ first non-volatile memory unit comprises flash-random access memory.

11.(Currently Amended) The navigation system of claim 2, where the ~~in said~~ first non-volatile memory unit comprises a read-only memory.

12.(Currently Amended) The navigation system of claim 2, where the ~~in said~~ second non-volatile memory unit comprises a hard disk.

13.(Currently Amended) The navigation system of claim 2, where the ~~in said~~ second non-volatile memory unit comprises a flash-random access memory.

14.(Currently Amended) The navigation system of claim 2, where the ~~in said~~ second non-volatile memory unit includes a dynamic random access memory.

15.(Currently Amended) The navigation system of claim 2, where the ~~in said~~ navigation computer, the ~~said~~ data input unit, the ~~said~~ data output unit, the ~~said~~ first and second non-volatile memory units, and the ~~said~~ communication unit are arranged in a ring communication network.

16.(Original) The navigation system of claim 2, further comprising a position locating unit.

17.(Currently Amended) The navigation system of claim 16, where the ~~in said~~ position locating unit comprises a GPS receiver.

18.(Currently Amended) The navigation system of claim 17, where the ~~in said~~ received supplemental navigation data comprises data for use by the ~~said~~ navigation computer to provide

routine search and destination directions relating to a starting position, an intermediate destination, and a final destination specified by the user.

19.(Currently Amended) The navigation system of claim 1, where the ~~in-said~~ communication unit comprises a memory input port configured to receive a data medium that includes the ~~said~~-supplemental navigation data.

20.(Currently Amended) The navigation system of claim 19, where the ~~in-said~~ data medium comprises a compact disk.

21.(Currently Amended) The navigation system of claim 20, where the ~~in-said~~ data medium comprises a digital video/versatile disk.

22.(Currently Amended) The navigation of claim 19, where the ~~in-said~~ data medium comprises an IC memory card.

23.(Currently Amended) A method for data management of a motor vehicle navigation system, comprising:

~~calculating driving routes in a navigation computer;~~

~~receiving a driving start position, and final destination position through a data input unit,~~

which is connected to the navigation computer;

calculating driving routes in a navigation computer between a current position of the motor vehicle and the destination position;

transmitting to the user the driving routes calculated by the navigation computer;

storing in a first non-volatile memory unit connected to the navigation computer, a basic database that includes digital road map information, which is needed to calculate the driving route;

receiving data supplementary to the basic database, such as detailed information of digital road maps, over a network connection to a communication unit that is connected to the navigation computer; and

storing the received supplementary data in a second non-volatile memory unit that is connected to the navigation computer.

24.(Currently Amended) A navigation system for use in a motor vehicle that receives ~~starting position data and destination position data~~ and computes driving directions between ~~a the~~ starting position and the destination positions, ~~the said~~ navigation system comprising:

a first non-volatile memory unit that stores a basic navigation database including road map information;

an RF receiver that receives supplemental navigation data including digital road maps, and provides received supplemental navigation data;

a second non-volatile memory unit that receives and stores ~~the said~~ received supplemental navigation data;

means for receiving ~~said received start position data, said received destination position data, and~~ for computing driving directions between the starting position and the destination position using information from the said basic navigation database and the said received supplemental navigation data; and

means for outputting the said driving directions to the user.